CloudGate

ETHERNET SWITCH

CONNECTING THINGS
to the Cloud

- Adds the possibility to integrate switching and routing with CloudGate
- 4-port 10/100Base-T
- Expandable memory storage
- The optional Power over Ethernet (PoE) delivers power over LAN to networked devices

CloudGate
ETHERNET SWITCH

EXPAND THE FUNCTIONALITY
of CloudGate

The Ethernet switch allows more than on device to be connected to CloudGate Intelligent M2M Gateway. It supports IEEE 802.3 flow control for Full Duplex mode and backpressure for half-duplex mode and supports MAC address auto-learning and auto-aging.

The optional Ethernet Switch with PoE (CG1103) delivers technology with up to 70 watt power to enable even broader endpoint support, faster deployment and lower operating expenses (requires special power supply).

In addition being a 4-port Ethernet Switch, this CloudGate expansion card includes expandable memory storage.

Get your application on the market faster with CloudGate!

Features	Description

Ethernet Switch - (CG1104)

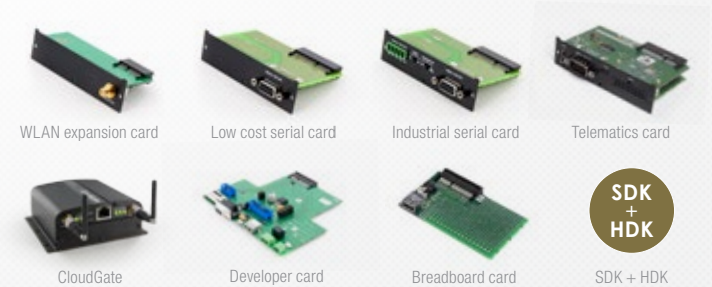|	
Number of ports	• 4 ports
Ethernet (IEEE 802.3)	• 10/100Mb/s RJ45 Connector
MicroSD card reader	• For additional storage (FAT32)
Operating temperature	• -30 to +70°C
Humidity (operational)	• 5 to 95% RH, non-condensing
Storage temperature	• -40 to +85°C

Ethernet Switch (PoE) - (CG1103)*

Number of ports	• 4 ports
Ethernet (IEEE 802.3)	• 10/100Mb/s RJ45 Connector
Power over Ethernet (PoE)*	• 2 ports Class 4 or • 4 ports up to Class 3
MicroSD card reader	• For additional storage (FAT32)
Operating temperature	• -30 to +70°C
Humidity (operational)	• 5 to 95% RH, non-condensing
Storage temperature	• -40 to +85°C

* For Power over Ethernet (PoE) a special power supply is required (50-57Vdc, max 70Ws). The PoE option is only available for CG1103.

Also available

WLAN expansion card

Low cost serial card

Industrial serial card

Telematics card

CloudGate

Developer card

Breadboard card

SDK + HDK

SDK + HDK

www.option.com

DataSheet_v1.2

1. Design and develop powerful applications for Ethernet solutions

2. Configuration and any custom middleware are automatically installed

3. Device is ready to connect Things to the Cloud